Lie Groups and Representation Theory Seminar at the University of Tokyo

リー群論・表現論セミナー

DATE   October 29 (Wed), 2014, 16:30–18:00

PLACE   Room 118, Graduate School of Mathematical Sciences

SPEAKER   **Patrick Delorme** (UER Scientifique de Luminy Université d'Aix-Marseille II)

TITLE   Harmonic analysis on reductive p-adic symmetric spaces

ABSTRACT   In this lecture we will review the Plancherel formula that we got by looking to neighborhoods at infinity of the symmetric spaces and then using the method of Sakellaridis–Venkatesh for spherical varieties for a split group. For us the group is not necessarily split. We will try to show what questions are raised by this work for real spherical varieties. We will present in the last part a joint work with Pascale Harinck and Yiannis Sakellaridis in which we prove Paley–Wiener theorems for symmetric spaces.